

AMENDMENTS**IN THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application. Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer to the claimed and/or disclosed subject matter, and the applicant and/or assignee reserves the right to claim this subject matter and/or other disclosed subject matter in a continuing application, or otherwise.

1. (Currently Amended) A method comprising:
receiving information in a wireless communication system from a repeater through a base station of a set of base stations, the information being indicative of signals of said set of base stations detectable by that said repeater can detect in the wireless communication system;
and
updating a neighbor list based on the received information.
2. (Previously Presented) The method of claim 1, further comprising initiating transmission of the updated neighbor list to one or more subscriber units of the wireless communication system.
3. (Original) The method of claim 1, wherein the information identifies a set of phase offsets detected from the signals of the set of base stations.
4. (Original) The method of claim 1, wherein the information includes identification

codes detected from the signals of the set of base stations.

5. (Original) The method of claim 1, wherein the wireless communication system comprises a code division multiple access (CDMA) system and the information identifies pseudorandom noise (PN) offsets.

6. (Previously Presented) A method performed by a repeater of a wireless communication system, the method comprising:

identifying signals associated with a set of base stations that the repeater can detect; and

sending information indicative of the set of base stations to a base station that is repeated by the repeater.

7. (Original) The method of claim 6, wherein the information identifies a set of phase offsets detected from the signals of the set of base stations.

8. (Original) The method of claim 6, wherein the information includes identification codes detected from the signals of the set of base stations.

9. (Original) The method of claim 6, wherein the wireless communication system comprises a code division multiple access (CDMA) system and the information identifies pseudorandom noise (PN) offsets.

10. (Original) The method of claim 6, further comprising identifying energy levels of the signals and sending information indicative of the energy levels.

11. (Original) The method of claim 6, further comprising identifying pilot symbols of the signals and sending information indicative of the identified pilot symbols.

12. (Currently Amended) A computer readable medium comprising computer readable instructions ~~that if executed in~~ executable by a device of a wireless communication system [[,]
~~direct the device to~~ update a neighbor list based on information received from a repeater in the wireless communication system, the information being indicative of signals of a set of base stations ~~that detectable by~~ the repeater ~~can detect~~, the information to be received from the repeater through a base station of the set of base stations.

13. (Currently Amended) The computer readable medium of claim 12, further comprising instructions ~~that if executed direct~~ executable by the device to send the updated neighbor list to one or more subscriber units of the wireless communication system.

14. (Original) The computer readable medium of claim 12, wherein the information identifies a set of phase offsets detected from the signals of the set of base stations.

15. (Original) The computer readable medium of claim 12, wherein the information includes identification codes detected from the signals of the set of base stations.

16. (Original) The computer readable medium of claim 12, wherein the wireless communication system comprises a code division multiple access (CDMA) system and the information identifies pseudo-random noise (PN) offsets.

17. (Currently Amended) A computer readable medium comprising computer readable instructions ~~that if executed in executable by~~ a repeater of a wireless communication system, ~~direct the repeater to:~~

identify signals associated with a set of base stations that the repeater can detect; and send information indicative of the set of base stations to a base station that is repeated by the repeater.

18. (Original) The computer readable medium of claim 17, wherein the information identifies a set of phase offsets detected from the signals of the set of base stations.

19. (Original) The computer readable medium of claim 17, wherein the information includes identification codes detected from the signals of the set of base stations.

20. (Original) The computer readable medium of claim 17, wherein the wireless communication system comprises a code division multiple access (CDMA) system and the information identifies pseudo-random noise (PN) offsets.

21. (Currently Amended) A device of a wireless communication system, the device comprising:

a receiver to receive information in the wireless communication system, the information being indicative of signals from a set of base stations ~~detectable by~~ ~~that~~ a repeater ~~can detect~~ in the wireless communication system, the information to be received from the repeater through a base station of the set of base stations; and a control unit to update a neighbor list based on the received information.

22. (Previously Presented) The device of claim 21, further comprising a transmitter to send the updated neighbor list to the base station for transmission to one or more subscriber units of the wireless-communication system.

23. (Original) The device of claim 21, wherein the information identifies a set of phase offsets detected from the signals of the set of base stations.

24. (Original) The device of claim 21, wherein the information includes identification codes detected from the signals of the set of base stations.

25. (Original) The device of claim 21, wherein the wireless communication system comprises a code division multiple access (CDMA) system and the information identifies pseudorandom noise (PN) offsets.

26. (Currently Amended) A repeater of a wireless communication system comprising a control unit to identify signals associated with a set of base stations ~~that the detectable by a repeater can detect and to~~ direct the repeater to send information indicative of the set of base stations to a base station that is repeated by the repeater.

27. (Original) The repeater of claim 26, wherein the information identifies a set of phase offsets detected from the signals of the set of base stations.

28. (Original) The repeater of claim 26, where in the information includes identification codes detected from the signals of the set of base stations.

29. (Original) The repeater of claim 26, wherein the wireless communication system comprises a code division multiple access (CDMA) system and the information identifies pseudorandom noise (PN) offsets.

30. (Currently Amended) A wireless communication system comprising:
a repeater to identify signals associated with a set of base stations ~~that detectable~~ by the repeater ~~can detect~~, and to send information indicative of the set of base stations ~~that detectable~~ by the repeater ~~can detect~~; and
a device to receive the information and to update a neighbor list based on the information.

31. (Original) The system of claim 30, wherein the information identifies a set of phase offsets detected from the signals of the set of base stations.

32. (Original) The system of claim 30, wherein the information includes identification codes detected from the signals of the set of base stations.

33. (Original) The system of claim 30, wherein the wireless communication system comprises a code division multiple access(CDMA) system and the information identifies pseudorandom noise (PN) offsets.

34. (Currently Amended) A device of a wireless communication system comprising:
means for receiving information in the wireless communication system, the information being indicative of signals from a set of base stations ~~that detectable~~ by a repeater ~~can detect~~ in the wireless communication system, the information to be received from the

repeater through a base station of the set of base stations;

means for storing a neighbor list; and

means for updating the neighbor list based on the received information.

35. (Original) The device of claim 34, further comprising means for sending the neighbor list to one or more subscriber units of the wireless communication system.

36. (Previously Presented) A repeater of a wireless communication system comprising:

means for identifying signals associated with a set of base stations that the

repeater can detect; and

means for sending information indicative of the set of base stations to a base station that gets repeated by the repeater.

37. (Original) The repeater of claim 36, wherein the wireless communication system comprises a code division multiple access (CDMA) system and the information identifies pseudorandom noise (PN) offsets.